METHOD AND APPARATUS FOR SIMULATING PHYSICAL FIELDS
Meuris, et al.
Appl. No.: 10/630,439   *Atty Docket: IMEC215.001CI*

NEW

```
        ( Start )
            |
            v
+---------------------------+
| Provide Field Equations   |
| Describing Physical System|
+---------------------------+
            |
            v
+---------------------------+
| Solve Field Equations by  |
| Addition of Dummy Field   |
+---------------------------+
            |
            v
+---------------------------+
| Output at Least One       |
| Parameter                 |
+---------------------------+
            |
            v
         ( End )
```

FIG. 34

```
        ( Apparatus )
            |
            v
+-------------------------------+
|                               |
|                               |
|   +-----------------------+   |
|   |    Solving Means      |   |
|   +-----------------------+   |
|              |                |
|              v                |
|   +-----------------------+   |
|   |   Outputting Means    |   |
|   +-----------------------+   |
|                               |
+-------------------------------+
```

FIG. 35

METHOD AND APPARATUS FOR SIMULATING PHYSICAL FIELDS
Meuris, et al.
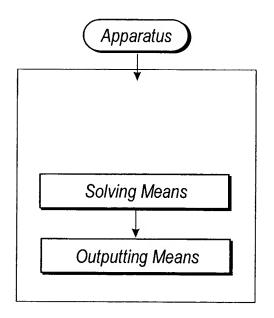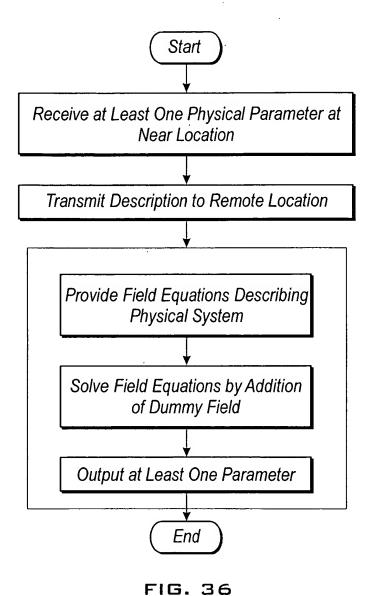*Appl. No.: 10/630,439   Atty Docket: IMEC215.001C1*

NEW

```
                        ╭─────────╮
                        │  Start  │
                        ╰─────────╯
                             │
                             ▼
          ┌──────────────────────────────────────┐
          │ Receive at Least One Physical Parameter at │
          │            Near Location              │
          └──────────────────────────────────────┘
                             │
                             ▼
          ┌──────────────────────────────────────┐
          │  Transmit Description to Remote Location │
          └──────────────────────────────────────┘
                             │
                             ▼
     ┌───────────────────────────────────────────────┐
     │   ┌─────────────────────────────────────┐      │
     │   │   Provide Field Equations Describing │      │
     │   │          Physical System            │      │
     │   └─────────────────────────────────────┘      │
     │                    │                            │
     │                    ▼                            │
     │   ┌─────────────────────────────────────┐      │
     │   │   Solve Field Equations by Addition  │      │
     │   │         of Dummy Field              │      │
     │   └─────────────────────────────────────┘      │
     │                    │                            │
     │                    ▼                            │
     │   ┌─────────────────────────────────────┐      │
     │   │   Output at Least One Parameter     │      │
     │   └─────────────────────────────────────┘      │
     └───────────────────────────────────────────────┘
                             │
                             ▼
                        ╭─────────╮
                        │   End   │
                        ╰─────────╯
```

FIG. 36

```
                        ╭───────────╮
                        │ Apparatus │
                        ╰───────────╯
                             │
                             ▼
     ┌───────────────────────────────────────────────┐
     │                                                 │
     │   ┌─────────────────────────────────────┐      │
     │   │        Solving Component            │      │
     │   └─────────────────────────────────────┘      │
     │                    │                            │
     │                    ▼                            │
     │   ┌─────────────────────────────────────┐      │
     │   │       Outputting Component          │      │
     │   └─────────────────────────────────────┘      │
     │                                                 │
     └───────────────────────────────────────────────┘
```